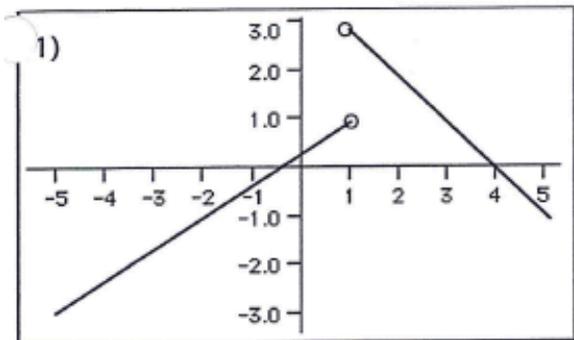
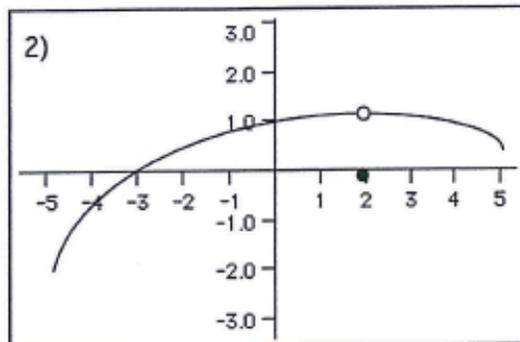


Limits Involving Infinity Worksheet Answers:

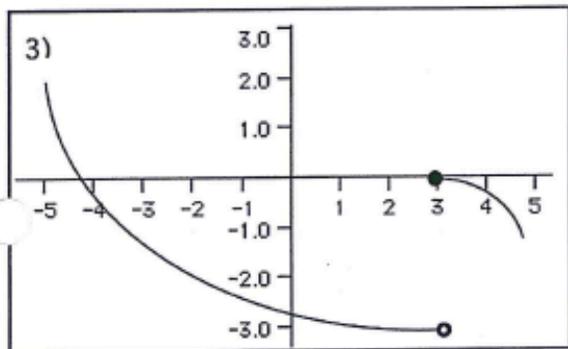
1) 7	2) 4/5	3) 3	4) 0	5) 5/4
6) $-\infty$	7) ∞	8) $-\infty$	9) ∞	10) 3/4
11) ∞	12) 0	13) -5/3	14) $-\infty$	15) 3
16) -1/3	17) 0	18) 4	19) 10	20) 4



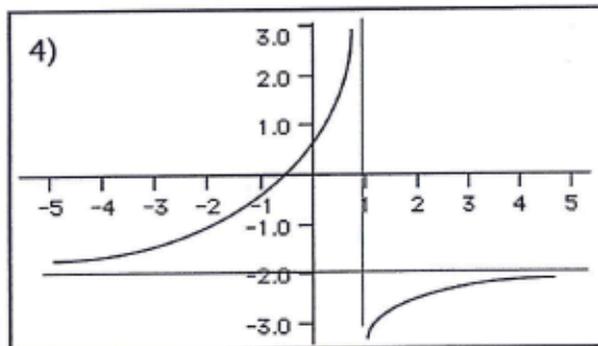
$\lim_{x \rightarrow 1} f(x)$ $f(1)$ $\lim_{x \rightarrow -\infty} f(x)$ $\lim_{x \rightarrow \infty} f(x)$
 DNE DNE $-\infty$ $-\infty$



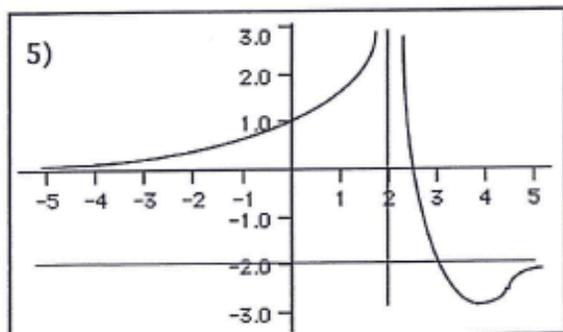
$\lim_{x \rightarrow 2} f(x)$ $f(2)$
 1 0



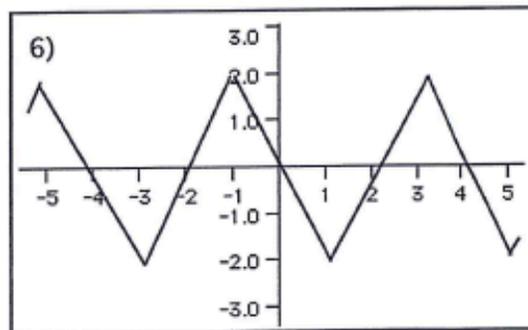
$\lim_{x \rightarrow 3^-} f(x)$ $\lim_{x \rightarrow 3^+} f(x)$ $\lim_{x \rightarrow 3} f(x)$ $f(3)$
 -3 0 DNE 0



$\lim_{x \rightarrow 1} f(x)$ $\lim_{x \rightarrow -\infty} f(x)$ $\lim_{x \rightarrow \infty} f(x)$
 DNE -2 -2



$\lim_{x \rightarrow 2} f(x)$ $f(2)$ $\lim_{x \rightarrow -\infty} f(x)$ $\lim_{x \rightarrow \infty} f(x)$
 ∞ DNE 0 -2



$\lim_{x \rightarrow 0} f(x)$ $f(0)$ $\lim_{x \rightarrow \infty} f(x)$
 0 0 DNE